

IN THE CLAIMS

1 1. (Currently Amended) A computer-implemented method for processing a stored
2 document, comprising:
3 receiving an image of a document index;
4 locating, on the document index image, at least a first graphic representation of
5 a first stored document;
6 locating, on the document index image, an image of a first sticker specifying
7 an action;
8 determining that the first sticker specifies a first action be performed on the
9 first stored document based on a location of the first sticker with re-
10 spect to the first graphic representation;
11 ~~identifying a first stored document based on the location of the first action-~~
12 ~~sticker with respect to the document index image; and~~
13 performing the ~~specified~~ first action to cause a change to the ~~identified~~ first
14 stored document.

1 2. (Original) The method of claim 1, wherein the first ~~action~~ sticker comprises a re-
2 movable self-adhesive sticker.

1 3. (Currently Amended) The method of claim 1, wherein the first stored document is
2 part of a stored collection of documents, and wherein the document index image comprises a
3 collection coversheet image.

1 4. (Currently Amended) The method of claim 3, wherein the collection coversheet
2 image comprises a collection overview image.

1 5. (Currently Amended) The method of claim 4, wherein the collection overview im-
2 age comprises a plurality of thumbnail depictions of documents.

1 6. (Currently Amended) The method of claim 3, wherein the collection coversheet
2 image comprises a machine-readable collection identifier specifying a storage location for the
3 collection of documents, the method further comprising, prior to performing the ~~specified~~ first
4 action:
5 retrieving the identified first stored document from the specified storage loca-
6 tion.

1 7. (Currently Amended) The method of claim 3, further comprising modifying the
2 stored collection of documents.

1 8. (Currently Amended) The method of claim 7, further comprising generating an up-
2 dated collection coversheet image.

1 9. (Currently Amended) The method of claim 3, further comprising storing a new
2 version of the collection of documents.

1 10. (Currently Amended) The method of claim 9, further comprising generating an
2 updated collection coversheet image including a collection identifier specifying a location for
3 the new version.

1 11. (Currently Amended) The method of claim 1, wherein the document index image
2 comprises a plurality of graphic representations of documents, and wherein ~~identifying a first~~
3 ~~stored document based on the location of the first action sticker~~ comprises identifying a determin-
4 ing that the first sticker specifies the first action to be performed on the first stored document
5 based on a location of the first sticker with respect to the first graphic representation of the
6 first stored document comprises determining ~~first stored document corresponding to a docu-~~
7 ~~ment~~ whether the first graphic representation of the first stored document is overlapped by
8 the first action sticker.

1 12. (Currently Amended) The method of claim 1, wherein the document index image
2 comprises a plurality of graphic representations of documents, and wherein ~~identifying a first~~
3 ~~stored document based on the location of the first action sticker~~ comprises identifying a first
4 ~~stored document based on~~ determining that the first sticker specifies the first action to be per-
5 formed on the first stored document based on the location of the first sticker with respect to the
6 first graphic representation comprises determining a proximity of the first action sticker to one of
7 ~~the~~ a second graphic representation ~~document representations~~ of a second stored document.

1 13. (Currently Amended) The method of claim 1, wherein the document index image
2 comprises a plurality of graphic representations of documents, and wherein ~~identifying a first~~
3 ~~stored document based on the location of the first action sticker~~ comprises identifying deter-
4 mining that the first sticker specifies the first action to be performed on the first stored docu-
5 ment based on the location of the first sticker with respect to the first graphic representation
6 comprises determining the first graphic representation of the first stored ~~a document~~ is pointed
7 to by the first action sticker.

1 14. (Currently Amended) The method of claim 1, wherein:

2 the document index image comprises a plurality of graphic representations of

3 documents;

4 the first ~~action~~ sticker comprises an action point; and

5 determining that the first sticker specifies the first action be performed on the

6 first stored document based on the location of the first sticker with re-

7 spect to the first graphic representation comprises identifying a first

8 ~~stored document based on the location of the first action sticker com-~~

9 ~~prises identifying a first document based on~~ determining a proximity of

10 the action point of the first ~~action~~ sticker to one of the document repre-

11 sentations.

1 15. (Currently Amended) The method of claim 1, wherein:

2 the document index image comprises a plurality of graphic representations of

3 documents;

4 the first ~~action~~ sticker comprises an action point; and

5 determining that the first sticker specifies the first action to be performed on

6 the first stored document based on the location of the first sticker with

7 respect to the first graphic representation ~~identifying a first stored docu-~~

8 ~~ment based on the location of the first action sticker comprises:~~

9 determining a coordinate location for the action point;

10 determining a coordinate location for ~~at least one of the~~ the first graphic
11 ~~document representations~~ representation of the first stored docu-
12 ment; and
13 ~~identifying a first stored document by~~ comparing the coordinate location
14 for the action point with the coordinate location for the ~~at least one~~
15 ~~document~~ first graphic representation of the first stored document.

1 16. (Currently Amended) The method of claim 1, wherein the document index image
2 comprises a list of stored documents.

1 17. (Currently Amended) The method of claim 1, wherein the document index image
2 comprises a plurality of graphic representations of stored documents, wherein each graphic
3 representation comprises a ~~of thumbnail depiction depictions of a stored document docu-~~
4 ~~ments~~.

1 18. (Currently Amended) The method of claim 1, wherein the document index im-
2 age comprises a plurality of graphic representations of stored documents, wherein each
3 graphic representation comprises ~~icons an icon~~ representing a stored document ~~documents~~.

1 19. (Currently Amended) The method of claim 1, wherein the ~~specified~~ first action
2 comprises one selected from the group consisting of:

3 printing;
4 e-mailing;
5 faxing;
6 grouping;

7 reordering;
8 playing;
9 ungrouping; and
10 deleting.

1 20. (Currently Amended) The method of claim 1, wherein the ~~specified~~ first action
2 comprises specifying an access level for the first stored document.

1 21. (Currently Amended) The method of claim 1, further comprising:
2 locating, on the document index image, at least a second graphic representation
3 of a second stored document;
4 locating, on the document index image, an image of a second sticker specify-
5 ing a second action;
6 determining that the second sticker specifies the second action be performed on
7 the second stored document based on a second location of the second
8 sticker with respect to the second graphic representation;
9 ~~identifying a second stored document based on the location of the second ac-~~
10 ~~tion sticker on with respect to the document index page; and~~
11 performing the ~~specified~~ second action to cause a change to the identified sec-
12 ond stored document.

1 22. (Currently Amended) The method of claim 21, further comprising:
2 prior to performing the ~~specified~~ first action, retrieving the ~~identified~~ first
3 stored document from a storage device; and

4 prior to performing the ~~specified~~ second action, retrieving the ~~identified~~ second
5 stored document from a storage device.

1 23. (Currently Amended) The method of claim 1, wherein the first sticker specifies a
2 grouping action, the method further comprising:

3 locating, on the document index image, at least a second graphic representation
4 of a second stored document;

5 locating, on the document index image, an image of a second sticker specify-
6 ing a grouping action; and

7 determining that the second sticker specifies the grouping action be performed
8 on the second stored document based on a location of the second
9 sticker with respect to the second graphic representation;

10 ~~identifying a second stored document based on the location of the second ac-~~
11 ~~tion sticker with respect to the document index image;~~

12 and wherein performing the ~~specified~~ first action comprises grouping the first ~~identi-~~
13 ~~fied~~ stored document and the second ~~identified~~ stored document.

1 24. (Currently Amended) The method of claim 23, wherein grouping the first ~~identi-~~
2 ~~fied~~ stored document and the second ~~identified~~ stored document comprises forming a sub-
3 collection of documents comprising the first ~~identified~~ stored document and the second ~~identi-~~
4 ~~fied~~ stored document.

1 25. (Currently Amended) The method of claim 1, further comprising:

2 locating, on the document index image, an image of a second sticker specify-

3 ing a second action;

4 ~~locating, on the document index image, an image of a second sticker indicating~~

5 ~~the same stored document as the first sticker, the second sticker speci-~~

6 ~~fyng a second action;~~

7 determining that the second sticker specifies the second action be performed on

8 the first stored document based on a location of the second sticker with

9 respect to the first graphic representation;

10 determining an order for performing the first action and the second action; and

11 performing the second ~~specified~~ action on the ~~identified~~ first stored document;

12 wherein the first and second actions are performed according to the determined order.

1 26. (Original) The method of claim 25, wherein determining an order comprises sort-
2 ing according to a predetermined sequence of actions.

1 27. (Currently Amended) The method of claim 1, wherein the ~~specified~~ first action
2 comprises transmitting the ~~identified~~ first stored document to a destination, the method further
3 comprising:

4 determining ~~a~~ the destination.

1 28. (Currently Amended) The method of claim 27, wherein determining ~~a~~ the destina-
2 tion comprises receiving user input specifying a destination.

1 29. (Currently Amended) The method of claim 27, wherein determining ~~a~~ the desti-
2 nation comprises reading an indicator of ~~a~~ the destination from the image of the document in-
3 dex.

1 30. (Currently Amended) The method of claim 27, wherein determining ~~a~~ the desti-
2 nation comprises reading an indicator of ~~a~~ the destination from the first ~~action~~ sticker.

1 31. (Currently Amended) The method of claim 27, wherein determining ~~a~~ the desti-
2 nation comprises determining at least one selected from the group consisting of:

3 an e-mail address;

4 a fax number;

5 a uniform resource locator;

6 a telephone number; and

7 a mailing address.

1 32. (Currently Amended) The method of claim 1, wherein receiving ~~an~~ the image of ~~a~~
2 the document index comprises scanning a piece of paper comprising the document index im-
3 age.

1 33. (Currently Amended) The method of claim 1, wherein receiving ~~an~~ the image of ~~a~~
2 the document index comprises receiving an e-mail message comprising the ~~image of the docu-~~
3 ment index image.

1 34. (Currently Amended) The method of claim 1, wherein receiving ~~an~~ the image of
2 ~~a~~ the document index comprises receiving a fax message comprising the ~~image of the docu-~~
3 ment index image.

1 35. (Currently Amended) The method of claim 1, further comprising determining the
2 ~~specified~~ first action by reading the first ~~action~~-sticker.

1 36. (Currently Amended) The method of claim 1, further comprising determining the
2 ~~specified~~ first action by performing optical character recognition on the first ~~action~~ sticker.

1 37. (Currently Amended) The method of claim 1, further comprising determining the
2 ~~specified~~ first action by determining a shape of the first ~~action~~ sticker.

1 38. (Currently Amended) The method of claim 1, further comprising determining the
2 ~~specified~~ first action by determining a color of the first ~~action~~ sticker.

1 39. (Currently Amended) The method of claim 1, further comprising determining the
2 ~~specified~~ first action by reading a machine-readable icon on the first ~~action~~ sticker.

1 40. (Currently Amended) The method of claim 1, wherein the document index image
2 comprises an identifier specifying a storage location, the method further comprising, prior to
3 performing the ~~specified~~ first action:

4 retrieving the ~~identified~~ first stored document from the ~~specified~~ storage loca-
5 tion.

1 41. (Currently Amended) The method of claim 1, further comprising, prior to per-
2 forming the ~~specified~~ first action, retrieving the ~~identified~~ first stored document from a stor-
3 age device.

1 42. (Currently Amended) A computer-implemented method for processing a stored
2 document, comprising:

3 receiving an image of a document index;

4 locating, on the document index image, at least a first graphic representation of
5 a first stored document;

6 locating, on the document index image, an image of a first sticker;

7 determining that the first sticker specifies the first stored document is to be
8 acted on based on a location of the first sticker with respect to the first
9 graphic representation;

10 ~~identifying a first stored document based on the location of the sticker with re-~~
11 ~~spect to the document index image;~~

12 receiving input specifying an action; and

13 performing the specified action to cause a change to the first ~~identified~~-stored
14 document.

1 43. (Original) The method of claim 42, wherein receiving input specifying an action
2 comprises receiving input via a user interface.

1 44. (Currently Amended) A computer program product for processing a stored docu-
2 ment, comprising:

3 a computer-readable storage medium; and
4 computer program code, encoded on the medium, for:
5 receiving an image of a document index;
6 locating, on the document index image, at least a first graphic representation of
7 a first stored document;
8 locating, on the document index image, an image of a first sticker specifying
9 ~~an~~ a first action;
10 determining that the first sticker specifies a first action to be performed on the
11 first stored document based on a location of the first sticker with re-
12 spect to the first graphic representation;
13 ~~identifying a first stored document based on the location of the first action-~~
14 ~~sticker with respect to the document index image; and~~
15 performing the ~~specified~~ first action to cause a change to the ~~identified~~ first
16 stored document.

1 45. (Original) The computer program product of claim 44, wherein the first ~~action-~~
2 ~~sticker~~ comprises a removable self-adhesive sticker.

1 46. (Currently Amended) The computer program product of claim 44, wherein the
2 first stored document is part of a stored collection of documents, and wherein the document
3 index image comprises a collection coversheet image.

1 47. (Currently Amended) The computer program product of claim 46, wherein the
2 collection coversheet image comprises a collection overview.

1 48. (Currently Amended) The computer program product of claim 47, wherein the
2 collection overview image comprises a plurality of thumbnail depictions of documents.

1 49. (Currently Amended) The computer program product of claim 46, wherein the
2 collection coversheet image comprises a machine-readable collection identifier specifying a
3 storage location for the collection of documents, the computer program product further com-
4 prising computer program code, encoded on the medium, for, prior to performing the ~~speci-~~
5 ~~fied~~ first action:

6 retrieving the ~~identified~~ first stored document from the ~~specified~~ storage loca-
7 tion.

1 50. (Currently Amended) The computer program product of claim 46, further com-
2 prising computer program code, encoded on the computer-readable storage medium, for
3 modifying the stored collection of documents.

1 51. (Currently Amended) The computer program product of claim 50, further com-
2 prising computer program code, encoded on the computer-readable storage medium, for gen-
3 erating an updated collection coversheet image.

1 52. (Currently Amended) The computer program product of claim 46, further com-
2 prising computer program code, encoded on the computer-readable storage medium, for stor-
3 ing a new version of the collection of documents.

1 53. (Currently Amended) The computer program product of claim 52, further com-
2 prising computer program code, encoded on the computer-readable storage medium, for gen-

erating an updated collection coversheet image including a collection identifier specifying a location for the new version.

54. (Currently Amended) The computer program product of claim 44, wherein the ~~specified~~ first action comprises one selected from the group consisting of:

printing;

e-mailing;

faxing;

grouping;

reordering;

playing;

ungrouping; and

deleting.

55. (Currently Amended) The computer program product of claim 44, wherein the ~~specified~~ first action comprises specifying an access level for the first stored document.

56. (Currently Amended) The computer program product of claim 44, wherein the first sticker specifies a grouping action, the computer program product further comprising computer program code, encoded on the computer-readable storage medium, for:

locating, on the document index image, at least a second graphic representation of a second stored document;

locating, on the document index image, an image of a second sticker specifying a grouping action; and

8 determining that the second sticker specifies the grouping action be performed
9 on the second stored document based on a location of the second
10 sticker with respect to the second graphic representation;
11 ~~identifying a second document based on the location of the second action-~~
12 ~~sticker on the document index page;~~

13 and wherein the computer program code for performing the ~~specified~~ first action com-
14 prises computer program code for grouping the first ~~identified~~ stored document and the sec-
15 ond ~~identified~~ stored document.

1 57. (Currently Amended) The computer program product of claim 56, wherein the
2 computer program code for grouping the first ~~identified~~ document and the second ~~identified~~
3 document comprises computer program code for forming a sub-collection comprising the first
4 ~~identified~~ stored document and the second ~~identified~~ stored document.

1 58. (Currently Amended) The computer program product of claim 44, further com-
2 prising computer program code, encoded on the medium, for:

3 ~~locating, on the document index image, an image of a second sticker indicating~~
4 ~~the same document as the first sticker, the second sticker specifying a~~
5 ~~second action;~~

6 locating, on the document index image, an image of a second sticker specify-
7 ing a second action;

8 determining that the second sticker specifies an second action to be performed
9 on the first stored document based on a location of the second sticker
10 with respect to the first graphic representation;

11 determining an order for performing the first action and the second action; and
12 performing the second ~~specified~~ action on the ~~identified~~ first stored document;
13 wherein the first and second actions are performed according to the determined order.

1 59. (Currently Amended) The computer program product of claim 44, wherein the
2 ~~specified~~ first action comprises transmitting the ~~identified~~ first stored document to a destina-
3 tion, the computer program product further comprising computer program code, encoded on
4 the computer-readable storage medium, for:
5 determining ~~a~~ the destination.

1 60. (Currently Amended) The computer program product of claim 44, further com-
2 prising computer program code, encoded on the computer-readable storage medium, for de-
3 termining the ~~specified~~ first action by reading the first ~~action~~-sticker.

1 61. (Currently Amended) The computer program product of claim 44, wherein the
2 document index comprises an identifier specifying a storage location, the computer program
3 product further comprising, computer program code, encoded on the computer-readable stor-
4 age medium, for, prior to performing the ~~specified~~ first action:
5 retrieving the ~~identified~~ first stored document from the ~~specified~~ storage loca-
6 tion.

1 62. (Currently Amended) The computer program product of claim 44, further com-
2 prising, computer program code, encoded on the computer-readable storage medium, for,

3 prior to performing the ~~specified~~ first action, retrieving the ~~identified~~ first stored document
4 from a storage device.

1 63. (Currently Amended) A system for processing a stored document, comprising:

2 a document index input device, for receiving an image of a document index;

3 a document locator, for locating, on the document index image, at least a first

4 graphic representation of a first stored document;

5 a sticker locator, coupled to the document input index device and the document

6 locator, for locating, on the document index image, an image of a first

7 sticker specifying ~~an~~ a first action and for determining that the first

8 sticker specifies a first action to be performed on a stored document

9 based on a location of the first sticker with respect to a graphic repre-

10 sentation of a document;

11 ~~a document identifier, coupled to the sticker locator, for identifying a first~~

12 ~~stored document based on the location of the first action sticker with~~

13 ~~respect to the document index image; and~~

14 a document processor, coupled to the document identifier, for performing the

15 ~~specified~~ first action to cause a change to the ~~identified~~ first stored

16 document.

1 64. (Currently Amended) The system of claim 63, wherein the first ~~action~~-sticker

2 comprises a removable self-adhesive sticker.

1 65. (Currently Amended) The system of claim 63, wherein the first document is part
2 of a stored collection of documents, and wherein the document index image comprises a col-
3 lection coversheet image.

1 66. (Currently Amended) The system of claim 65, wherein the collection coversheet
2 image comprises a collection overview image.

1 67. (Currently Amended) The system of claim 66, wherein the collection overview
2 image comprises a plurality of thumbnail depictions of stored documents.

1 68. (Currently Amended) The system of claim 65, wherein the collection coversheet
2 image comprises a machine-readable collection identifier specifying a storage location for the
3 collection of documents, the system further comprising:

4 a document retriever, coupled to the document identifier, for retrieving the
5 ~~identified~~ first stored document from the specified storage location.

1 69. (Original) The system of claim 65, wherein the document processor modifies the
2 stored collection of documents.

1 70. (Currently Amended) The system of claim 69, further comprising a coversheet
2 generator, coupled to the document processor, for generating an updated collection coversheet
3 image.

1 71. (Currently Amended) The system of claim 65, further comprising a storage de-
2 vice, coupled to the document processor, for storing a new version of the collection of docu-
3 ments.

1 72. (Currently Amended) The system of claim 71, further comprising a coversheet
2 generator, coupled to the document processor, for generating an updated collection coversheet
3 image including a collection identifier specifying a location for the new version.

1 73. (Currently Amended) The system of claim 63, wherein the ~~specified~~ first action
2 comprises one selected from the group consisting of:

3 printing;

4 e-mailing;

5 faxing;

6 grouping;

7 reordering;

8 playing;

9 ungrouping; and

10 deleting.

1 74. (Currently Amended) The system of claim 63, wherein the ~~specified~~ first action
2 comprises specifying an access level for the first stored document.

1 75. (Currently Amended) The system of claim 63, wherein the first sticker specifies a
2 grouping action, wherein:

3 the document locator locates, on the document index image, at least a second
4 graphic representation of a second stored document;

5 the sticker locator locates, on the document index image, an image of a second
6 sticker specifying a grouping action and determines that the second
7 sticker specifies a grouping action to be performed on the second stored
8 document based on a location of the action sticker with respect to the
9 second graphic representation;

10 ~~the document identifier identifies a second stored document based on the loca-~~
11 ~~tion of the second action sticker with respect to the document index~~
12 ~~page; and~~

13 the document processor groups the first identified stored document and the
14 second identified stored document.

1 76. (Currently Amended) The system of claim 75, wherein the document processor
2 groups the first ~~identified~~ stored document and the second ~~identified~~ stored document by
3 forming a sub-collection of documents comprising the first ~~identified~~ stored document and the
4 second ~~identified~~ stored document.

1 77. (Currently Amended) The system of claim 63, wherein:

2 the sticker locator locates, on the document index image, an image of a second
3 sticker specifying a second action;

4 the sticker locator determines that the second sticker specifies a grouping ac-
5 tion to be performed on the first stored document based on a location
6 of the first sticker with respect to the first graphic representation;

7 ~~the sticker locator locates, on the document index image, an image of a second~~
8 ~~sticker indicating the same stored document as the first sticker, the sec-~~
9 ~~ond sticker specifying a second action; and~~
10 the document processor determines an order for performing the first action and
11 the second action, and performs the second ~~specified~~ action on the first
12 ~~identified~~ stored document according to the determined order.

1 78. (Currently Amended) The system of claim 63, wherein the document index
2 comprises an identifier specifying a storage location, the system further comprising:
3 a document retriever, coupled to the document identifier, for retrieving the
4 ~~identified~~ first stored document from the specified storage location.

1 79. (Currently Amended) The system of claim 63, further comprising:
2 a document retriever, coupled to the document identifier, for retrieving the
3 ~~identified~~ first stored document from a storage device.